

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

中 華 民 國 專 利 公 報 (19)(12)

(11)公告編號：291177

(44)中華民國85年(1996)11月11日

(51)Int. Cl.³ : H01F33/00

新 型

第 801120P1 號
初審(新願)引証附件
再審

(54)名 稱：模鑄式三相變壓器改良結構

(21)申 請 案 號：85208350

(22)申請日期：中華民國85年(1996)06月04日

(72)創 作 人：

余淨河

桃園縣蘆竹鄉外社村八鄰外社四十之二號

(71)申 請 人：

余淨河

桃園縣蘆竹鄉外社村八鄰外社四十之二號

(74)代 理 人：

1

2

[57]申請專利範圍：

一種模鑄式三相變壓器改良結構，主要包含有三組模鑄式單相變壓器，該模鑄式單相變壓器係由鐵心、一次繞組線圈、二次繞組線圈、絕緣紙及絕緣樹脂所構成之裝置，其中鐵心係為呈一捲圈形態矽鋼片所形成，並以絕緣紙、一次繞組線圈、絕緣紙、二次繞組線圈分層逐次繞製於上，再施以絕緣樹脂包覆整個形體，而形成鐵心不外漏氧化、絕緣安全性佳之裝置；藉此三組模鑄式單相變壓器係各具獨立使用之鐵心，以致三組模鑄式單相變壓器可個別拆組之使用特性，而構成有利於現場組裝、組裝技術需求性低之模鑄式三相變壓器結構

，為其特徵者。

圖示簡單說明：

第一圖為習用模鑄式三相變壓器之外觀示意圖。

第二圖為習用模鑄式三相變壓器之鐵心外觀示意圖。

第三圖為習用模鑄式三相變壓器裝設方式之示意圖。

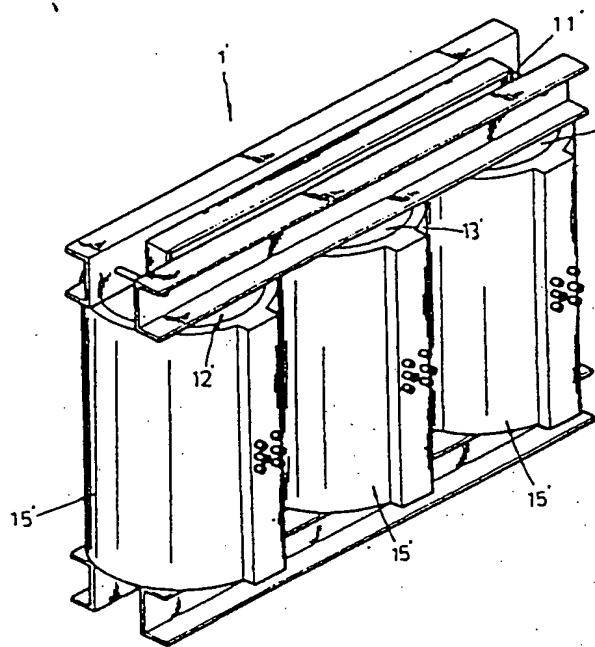
第四圖為本創作之實施例圖。

第五圖為本創作鐵心之外觀示意圖。

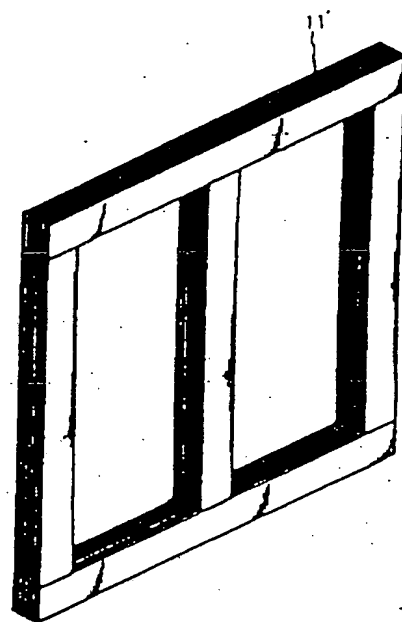
第六圖為本創作鐵心繞組情形之示意圖。

第七圖為本創作模鑄式單相變壓器之剖面示意圖。

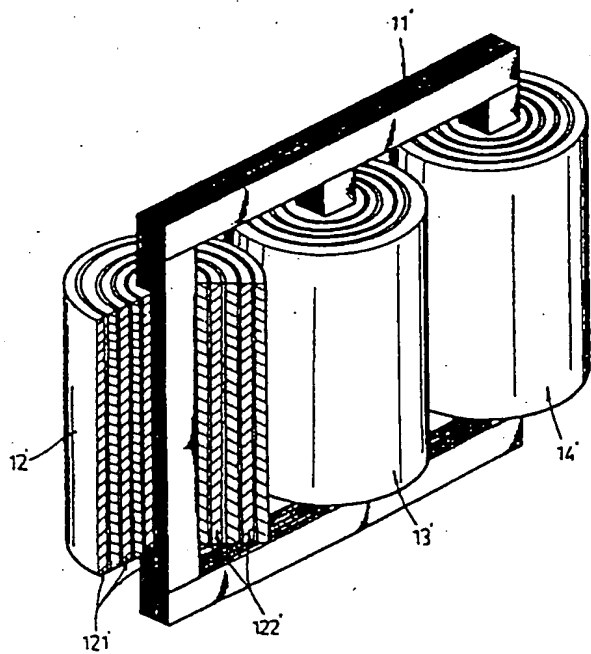
(2)



第一圖

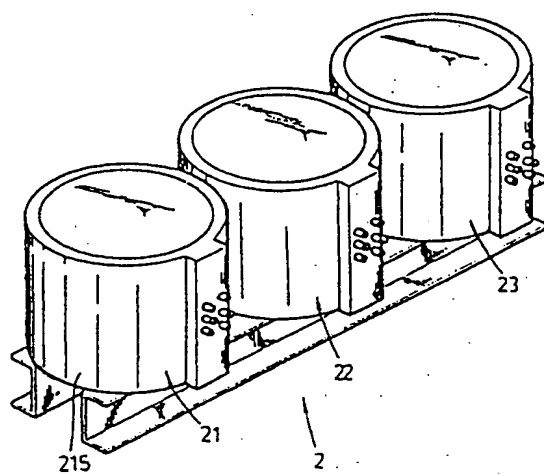


第二圖

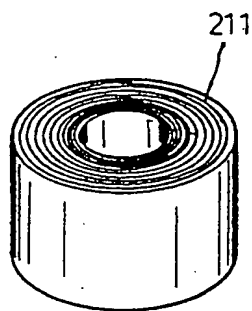


第三圖

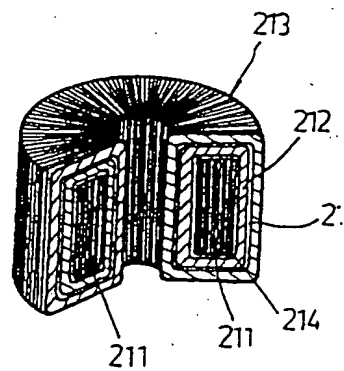
(3)



第四圖

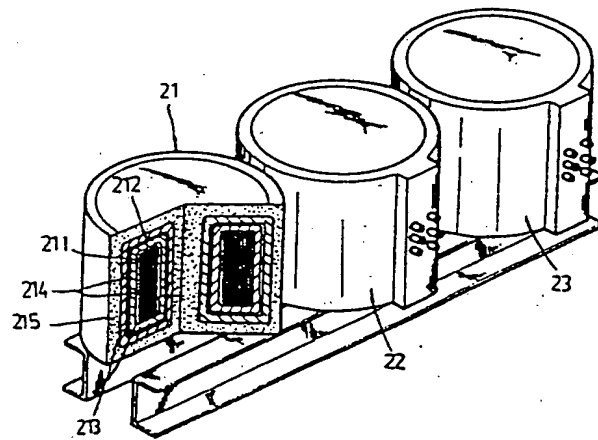


第五圖



第六圖

(4)



第七圖

(Translation)

Citation 3

Claim 1 of R.O.C. Patent Application No. 85208350

1. An improved structure of a molded three-phase transformer, mainly comprising:

three molded one-phase transformers, each of said molded one-phase transformers being an apparatus which is composed of a core, first winding toroid, second winding toroid, insulated paper and insulated resin, wherein said core is made of coils of silicon steel and is wound by layers of insulated paper, first winding toroid, insulated paper and second winding toroid serially, and then the body is coated with insulated resin to prevent the core from aeration and oxidization and to form a well insulated secure apparatus; whereby, through the independent cores and respectively demountable feature of the three molded one-phase transformers, the structure of the molded three-phase transformers is of the advantage of on-site assembly and has a low technical required assembly.